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## (12) United States Patent Rehkemper et al.

# (54) SYSTEM FOR CONTROLLED DISTRIBUTION OF LIGHT IN TOY CHARACTERS

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### (57) ABSTRACT

A toy character is provided including a body supporting an eye assembly. The eye assembly may include a base, a plate and three or more segments connecting the base and plate. The three or more segments may define two cavities therebetween. Two light emitting sources may each be arranged with the base and oriented within their respective cavities such that activation of the light emitting sources directs light output toward the plate. The plate may include two regions corresponding to the two cavities which may illuminate when the respective light emitting sources are activated. The toy character may include two eye assemblies. The toy character may include a control system configured to direct operation of the light emitting sources. The control system may direct illumination sequences according to software instructions included within the control system.

### 19 Claims, 4 Drawing Sheets

